Feng, Shixia

From: Sarkar, Mohamadi
Sent: Sunday, May 04, 2003 9:49 AM
To: Roethig, Hans; Kinser, Robin D.; Feng, Shixia
Cc: Tricker, Anthony
Subject: New Biomarker

Hans,
This appears to be a good biomarker to be included in our battery of tests, we should investigate the feasibility of the Hypoxanthine phosphoribosyltransferase (hprt) mutant frequency (often known as the HPRT assay) as a genotoxic biomarker for our clinical studies. Unfortunately the assay is complicated and lengthy. However, there are have been some recent improvements and from my reading I have come across this assay to be highly robust to distinguish between smokers and nonsmokers. Perhaps I can present a brief outline at the next biomarker meeting.

Please provide an opinion.

Sincerely,

Mohamadi Sarkar

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